

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 14:23:38 ON 29 JUL 2003

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 14:23:48 ON 29 JUL 2003

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 28 JUL 2003 HIGHEST RN 556740-18-2

DICTIONARY FILE UPDATES: 28 JUL 2003 HIGHEST RN 556740-18-2

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNnote 27, Searching Properties in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>

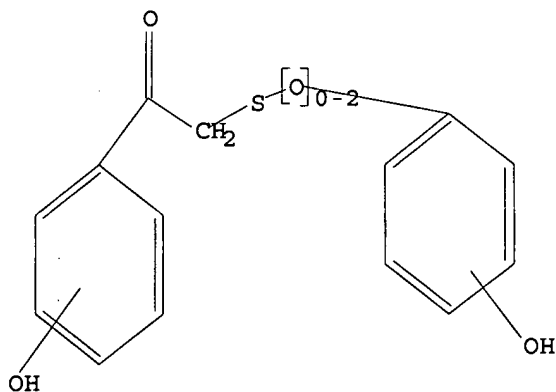
Uploading 131.str

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 14:24:05 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 456 TO ITERATE

100.0% PROCESSED 456 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.03

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**
PROJECTED ITERATIONS: 7839 TO 10401
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 ful

FULL SEARCH INITIATED 14:24:15 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 8918 TO ITERATE

100.0% PROCESSED 8918 ITERATIONS
SEARCH TIME: 00.00.01

8 ANSWERS

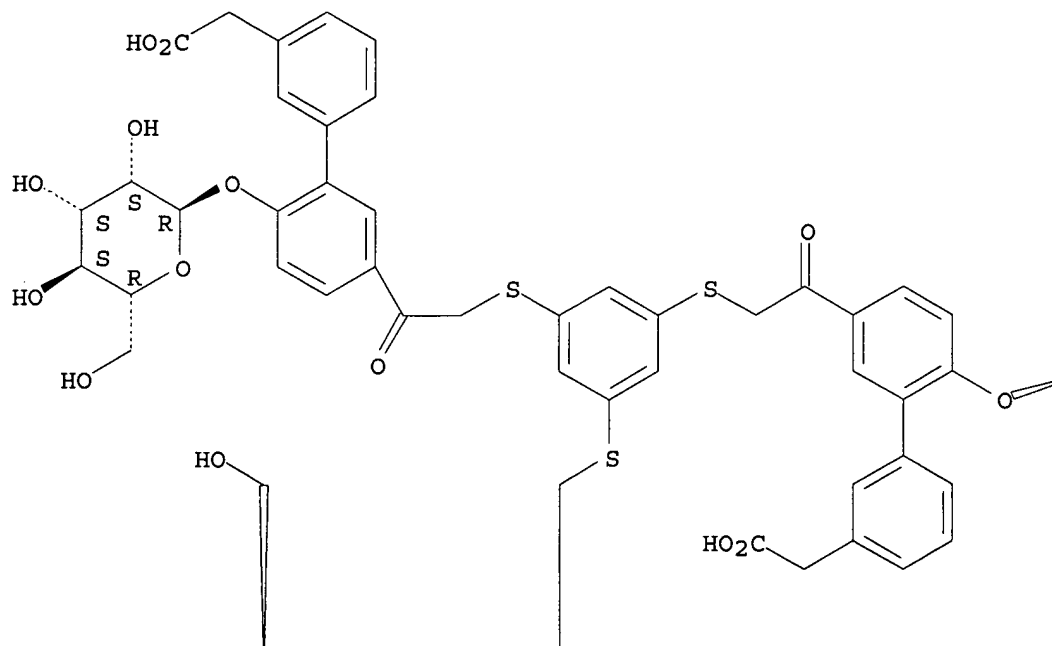
L3 8 SEA SSS FUL L1

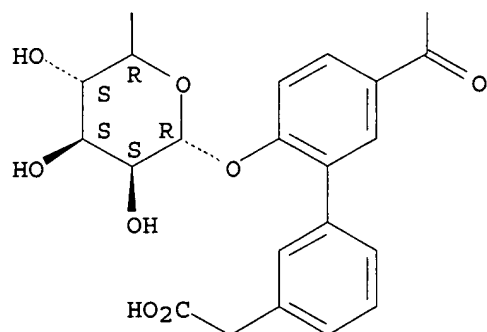
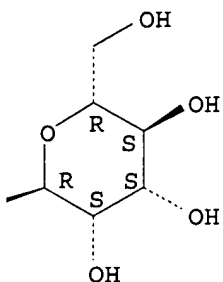
=> d l3 1-8

L3 ANSWER 1 OF 8 REGISTRY COPYRIGHT 2003 ACS on STN
RN 204572-12-3 REGISTRY
CN [1,1'-Biphenyl]-3-acetic acid, 3',3''',3''''-[1,3,5-
benzenetriyltris[thio(1-oxo-2,1-ethanediyl)]]tris[6'-(.alpha.-D-
mannopyranosyloxy)-(9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C72 H72 O27 S3
SR CA
LC STN Files: CA, CAPLUS

Absolute stereochemistry.

PAGE 1-A

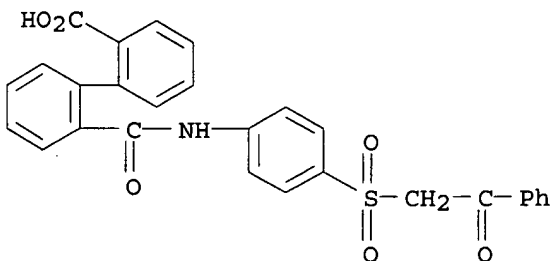




PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1947 TO DATE)
1 REFERENCES IN FILE CAPLUS (1947 TO DATE)

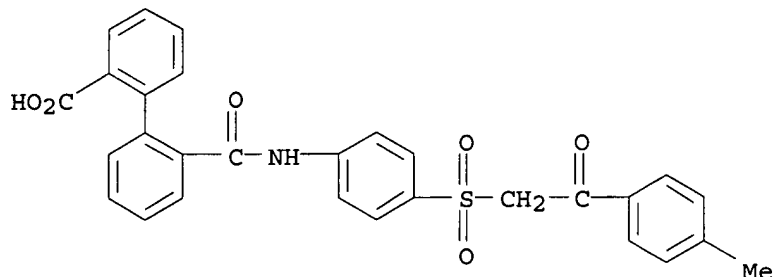
L3 ANSWER 2 OF 8 REGISTRY COPYRIGHT 2003 ACS on STN
RN 160986-42-5 REGISTRY
CN [1,1'-Biphenyl]-2-carboxylic acid, 2'-[[[4-[(2-oxo-2-phenylethyl)sulfonyl]phenyl]amino]carbonyl] - (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C28 H21 N O6 S
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1947 TO DATE)
1 REFERENCES IN FILE CAPLUS (1947 TO DATE)

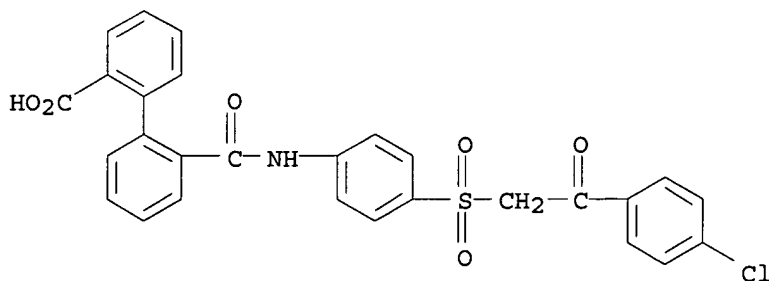
L3 ANSWER 3 OF 8 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 160986-41-4 REGISTRY
 CN [1,1'-Biphenyl]-2-carboxylic acid, 2'-[[[4-[[2-(4-methylphenyl)-2-oxoethyl]sulfonyl]phenyl]amino]carbonyl]- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C29 H23 N O6 S
 SR CA
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1947 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1947 TO DATE)

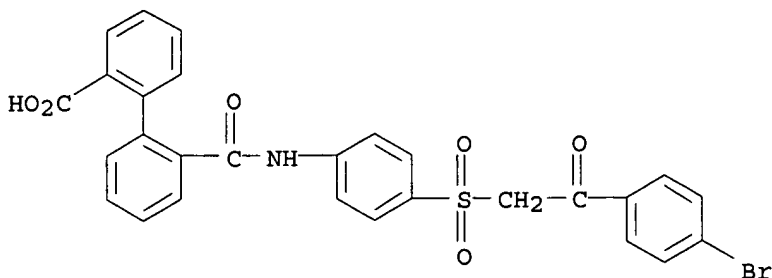
L3 ANSWER 4 OF 8 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 160986-40-3 REGISTRY
 CN [1,1'-Biphenyl]-2-carboxylic acid, 2'-[[[4-[[2-(4-chlorophenyl)-2-oxoethyl]sulfonyl]phenyl]amino]carbonyl]- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C28 H20 Cl N O6 S
 SR CA
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1947 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1947 TO DATE)

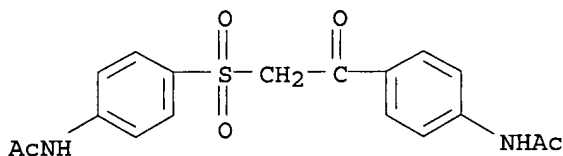
L3 ANSWER 5 OF 8 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 160986-39-0 REGISTRY
 CN [1,1'-Biphenyl]-2-carboxylic acid, 2'-[[[4-[[2-(4-bromophenyl)-2-oxoethyl]sulfonyl]phenyl]amino]carbonyl]- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C28 H20 Br N O6 S
 SR CA
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1947 TO DATE)
1 REFERENCES IN FILE CAPLUS (1947 TO DATE)

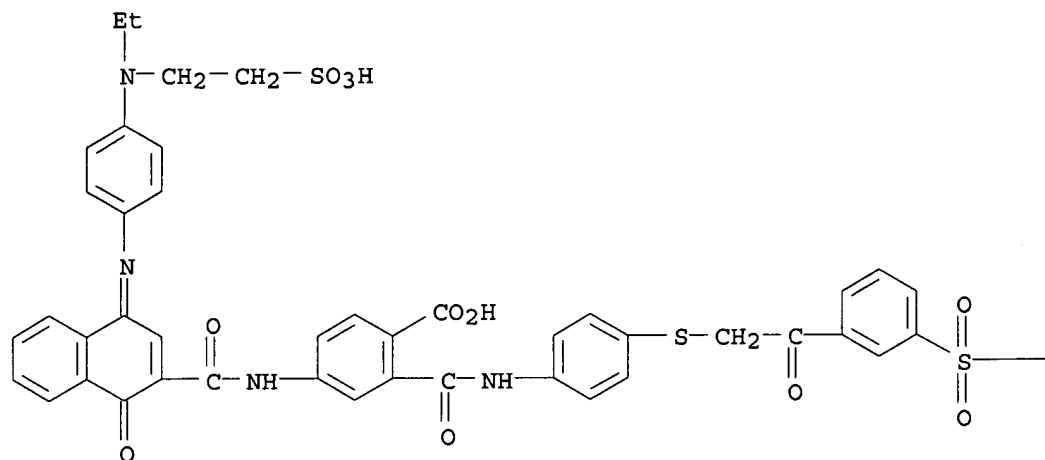
L3 ANSWER 6 OF 8 REGISTRY COPYRIGHT 2003 ACS on STN
RN 130188-63-5 REGISTRY
CN Acetamide, N-[4-[[2-[4-(acetamino)phenyl]-2-oxoethyl]sulfonyl]phenyl]-
(9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C18 H18 N2 O5 S
SR CA
LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1947 TO DATE)
2 REFERENCES IN FILE CAPLUS (1947 TO DATE)

L3 ANSWER 7 OF 8 REGISTRY COPYRIGHT 2003 ACS on STN
RN 54787-70-1 REGISTRY
CN Benzoic acid, 2-[[[4-[[2-[3-[(dodecylamino)sulfonyl]phenyl]-2-oxoethyl]thio]phenyl]amino]carbonyl]-4-[[[4-[[4-[ethyl(2-sulfoethyl)amino]phenyl]imino]-1,4-dihydro-1-oxo-2-naphthalenyl]carbonyl]amino]-, disodium salt (9CI) (CA INDEX NAME)
MF C55 H61 N5 O11 S3 . 2 Na
LC STN Files: CA, CAPLUS, IFICDB, IFIPAT, IFIUDB, USPATFULL

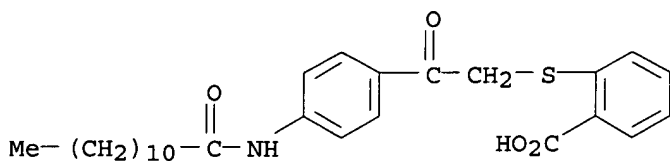


●2 Na

—NH—(CH₂)₁₁—Me

1 REFERENCES IN FILE CA (1947 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1947 TO DATE)

L3 ANSWER 8 OF 8 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 25803-69-4 REGISTRY
 CN Benzoic acid, o-[(p-lauramidophenacyl)thio]- (8CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C27 H35 N O4 S
 LC STN Files: CA, CAPLUS, IFICDB, IFIPAT, IFIUDB



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1947 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1947 TO DATE)

=> s 13

L4 6 L3

=> d 14 1-6

L4 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1998:169713 CAPLUS

DN 128:225679

TI Novel Synthetic Inhibitors of Selectin-Mediated Cell Adhesion: Synthesis of 1,6-Bis[3-(3-carboxymethylphenyl)-4-(2- α -D-mannopyranosyloxy)phenyl]hexane (TBC1269)

AU Kogan, Timothy P.; Dupre, Brian; Bui, Huong; McAbee, Kathy L.; Kassir, Jamal M.; Scott, Ian L.; Hu, Xin; Vanderslice, Peter; Beck, Pamela J.; Dixon, Richard A. F.

CS Departments of Chemistry Biophysics and Immunology, Texas Biotechnology Corporation, Houston, TX, 77030, USA

SO Journal of Medicinal Chemistry (1998), 41(7), 1099-1111

CODEN: JMCMAR; ISSN: 0022-2623

PB American Chemical Society

DT Journal

LA English

L4 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1995:349256 CAPLUS

DN 122:122531

TI Competitive inhibition of HIV-1 protease by biphenyl carboxylic acids

AU Tummino, Peter J.; Ferguson, Donna; Jacobs, Christine M.; Tait, Bradley; Hupe, Lynn; Lunney, Elizabeth; Hupe, Donald

CS Dept. Biochem., Parke-Davis Pharmaceutical Research, Ann Arbor, MI, 48105, USA

SO Archives of Biochemistry and Biophysics (1995), 316(1), 523-8

CODEN: ABBIA4; ISSN: 0003-9861

PB Academic

DT Journal

LA English

L4 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1993:38529 CAPLUS

DN 118:38529

TI Synthesis and study of physicochemical properties of β -keto sulfones

AU Borchardt, Alfons; Kopkowski, Andrzej; Wasilewski, Wojciech; Zakrzewski, Andrzej

CS Wyd. Technol. Inz. Chem., Akad. Tech.-Roln., Bydgoszcz, 85-326, Pol.

SO Prace Wydziału Nauk Technicznych, Bydgoskie Towarzystwo Naukowe, Seria A (1990), 18, 35-41

CODEN: PBTNA2; ISSN: 0860-3979

DT Journal

LA Polish

OS CASREACT 118:38529

L4 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1990:590656 CAPLUS

DN 113:190656

TI Proton NMR study of the substituent transmission effects through SO₂ and CO groups in p,p'-disubstituted derivatives of phenyl phenacyl sulfones (β -keto sulfones)

AU Borchardt, Alfons; Kopkowski, Andrzej; Kornacki, Zdzislaw; Zakrzewski, Andrzej

CS Dep. Technol. Chem. Eng., Tech. Agric. Acad., Bydgoszcz, 85-326, Pol.

SO Journal of the Chemical Society, Perkin Transactions 2: Physical Organic Chemistry (1972-1999) (1990), (6), 845-8

CODEN: JCPKBH; ISSN: 0300-9580

DT Journal

LA English

L4 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1975:9982 CAPLUS

DN 82:9982

TI Photographic diffusible dye-releasing couplers
IN Fujiwara, Mitsuto; Sato, Ryosuke
PA Konishiroku Photo Industry Co., Ltd.
SO Ger. Offen., 45 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2415125	A1	19741010	DE 1974-2415125	19740328
	JP 49123032	A2	19741125	JP 1973-34469	19730328
	JP 54019782	B4	19790718		
	GB 1445797	A	19760811	GB 1974-13037	19740325
	US 4029503	A	19770614	US 1975-575374	19750507
PRAI	JP 1973-34469		19730328		
	US 1974-453862		19740322		

L4 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1970:56720 CAPLUS
DN 72:56720
TI Color-formers for photographic films
IN Marx, Paul; Hess, Ulrich; Otto, Rigobert; Pueschel, Walter; Pelz, Willibald
PA Gevaert-Agfa N. V.
SO Belg., 33 pp.
CODEN: BEXXAL
DT Patent
LA French
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	BE 713448		19681010		
PRAI	DE		19670410		

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	6.47	169.07

STN INTERNATIONAL LOGOFF AT 14:25:47 ON 29 JUL 2003

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 14:27:04 ON 29 JUL 2003

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 14:27:13 ON 29 JUL 2003

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 28 JUL 2003 HIGHEST RN 556740-18-2

DICTIONARY FILE UPDATES: 28 JUL 2003 HIGHEST RN 556740-18-2

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP
PROPERTIES for more information. See STNote 27, Searching Properties
in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>

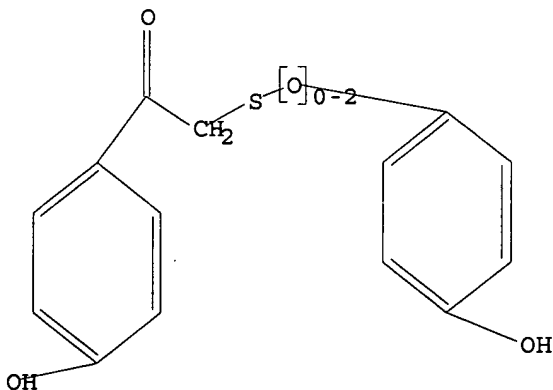
Uploading 131.str

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 14:27:29 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 23 TO ITERATE

100.0% PROCESSED 23 ITERATIONS

1 ANSWERS

SEARCH TIME: 00.00.01

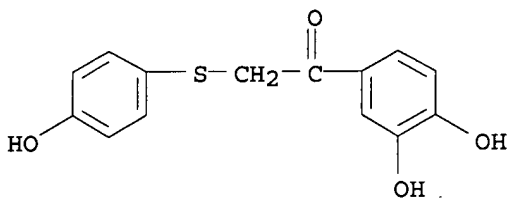
FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**
PROJECTED ITERATIONS: 173 TO 747
PROJECTED ANSWERS: 1 TO 80

L2 1 SEA SSS SAM L1

=> d

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN
RN 131985-80-3 REGISTRY
CN Ethanone, 1-(3,4-dihydroxyphenyl)-2-[(4-hydroxyphenyl)thio]- (9CI) (CA
INDEX NAME)
FS 3D CONCORD
MF C14 H12 O4 S
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1947 TO DATE)
1 REFERENCES IN FILE CAPLUS (1947 TO DATE)

=> s l1 ful
FULL SEARCH INITIATED 14:27:47 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 476 TO ITERATE

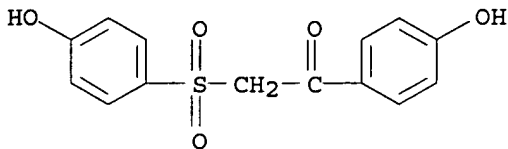
100.0% PROCESSED 476 ITERATIONS
SEARCH TIME: 00.00.01

6 ANSWERS

L3 6 SEA SSS FUL L1

=> d l3 1-6

L3 ANSWER 1 OF 6 REGISTRY COPYRIGHT 2003 ACS on STN
RN 333957-84-9 REGISTRY
CN Ethanone, 1-(4-hydroxyphenyl)-2-[(4-hydroxyphenyl)sulfonyl]- (9CI) (CA
INDEX NAME)
FS 3D CONCORD
MF C14 H12 O5 S
SR CA
LC STN Files: CA, CAPLUS

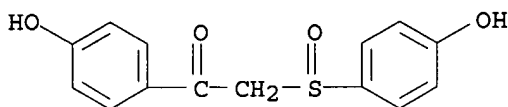


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1947 TO DATE)
1 REFERENCES IN FILE CAPLUS (1947 TO DATE)

L3 ANSWER 2 OF 6 REGISTRY COPYRIGHT 2003 ACS on STN

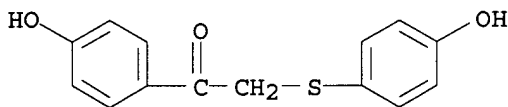
RN 333957-83-8 REGISTRY
 CN Ethanone, 1-(4-hydroxyphenyl)-2-[(4-hydroxyphenyl)sulfinyl]- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C14 H12 O4 S
 SR CA
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1947 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1947 TO DATE)

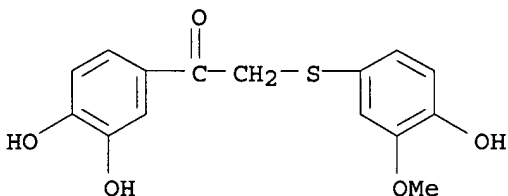
L3 ANSWER 3 OF 6 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 333957-82-7 REGISTRY
 CN Ethanone, 1-(4-hydroxyphenyl)-2-[(4-hydroxyphenyl)thio]- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C14 H12 O3 S
 SR CA
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1947 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1947 TO DATE)

L3 ANSWER 4 OF 6 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 131985-82-5 REGISTRY
 CN Ethanone, 1-(3,4-dihydroxyphenyl)-2-[(4-hydroxy-3-methoxyphenyl)thio]- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C15 H14 O5 S
 SR CA
 LC STN Files: CA, CAPLUS

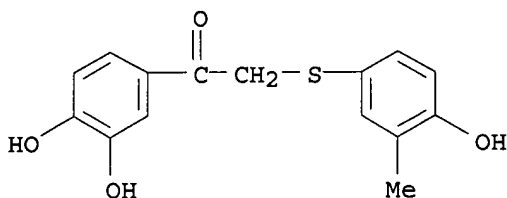


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1947 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1947 TO DATE)

L3 ANSWER 5 OF 6 REGISTRY COPYRIGHT 2003 ACS on STN

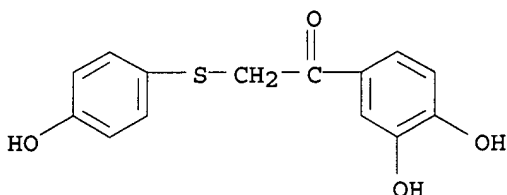
RN 131985-81-4 REGISTRY
 CN Ethanone, 1-(3,4-dihydroxyphenyl)-2-[(4-hydroxy-3-methylphenyl)thio]-
 (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C15 H14 O4 S
 SR CA
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1947 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1947 TO DATE)

L3 ANSWER 6 OF 6 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 131985-80-3 REGISTRY
 CN Ethanone, 1-(3,4-dihydroxyphenyl)-2-[(4-hydroxyphenyl)thio]- (9CI) (CA
 INDEX NAME)
 FS 3D CONCORD
 MF C14 H12 O4 S
 SR CA
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1947 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1947 TO DATE)

=> file caplua
 'CAPLUA' IS NOT A VALID FILE NAME
 SESSION CONTINUES IN FILE 'REGISTRY'
 Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files
 that are available. If you have requested multiple files, you can
 specify a corrected file name or you can enter "IGNORE" to continue
 accessing the remaining file names entered.

=> file caplus		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	160.31	160.52

FILE 'CAPLUS' ENTERED AT 14:28:12 ON 29 JUL 2003
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
 COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

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FILE COVERS 1907 - 29 Jul 2003 VOL 139 ISS 5
FILE LAST UPDATED: 28 Jul 2003 (20030728/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l3
L4 2 L3

=> d l4 1-2

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:265378 CAPLUS
DN 134:303088
TI Phenolic compounds in heat-sensitive or pressure-sensitive recording materials
IN Hidaka, Tomoya; Sato, Shinichi; Kawakami, Tadashi
PA Nippon Soda Co., Ltd., Japan
SO PCT Int. Appl., 45 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001025193	A1	20010412	WO 2000-JP6892	20001004
	W: AU, BR, CN, JP, KR, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	AU 2000075555	A5	20010510	AU 2000-75555	20001004
	EP 1219598	A1	20020703	EP 2000-964635	20001004
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY				
	BR 2000014494	A	20020820	BR 2000-14494	20001004
PRAI	JP 1999-282577	A	19991004		
	JP 2000-37488	A	20000216		
	WO 2000-JP6892	W	20001004		

OS MARPAT 134:303088
RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1991:92023 CAPLUS
DN 114:92023
TI Thermal printing materials
IN Furuya, Hiromi; Hayakawa, Kunio; Shimada, Hisahiro
PA Ricoh Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 9 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 02204091	A2	19900814	JP 1989-24956	19890203
	JP 2887288	B2	19990426		
PRAI	JP 1989-24956		19890203		